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LIST OF DISCLOSURES CITED BY APPLICANT

(Use several sheets if necessary)

U.S. Dept. of Commerce
Patent and Trademark Office

Atty Docket No.

Serial No. 08/447,292

Applicant

Filing Date

clark et al.

Group

22 May 1995 Not assigned

U.S. PATENT DOCUMENTS

| Examiner Initials | | Document Number | Date | Name | Class | Subclass | Filing Date |
|----------------------|----|-----------------|----------|-----------------|-------|----------|-------------|
| I | 1 | 4,876,242 | 24.10.89 | Applebaum, J. | 514 | 3 | |
| 4 | 2 | 4,988,675 | 29.01.91 | Froesch et al. | 514 | 4 | |
| प्रे | 3 | 5,068,224 | 26.11.91 | Fryklund et al. | | l ' | |
| 25 | 4 | 5,093,317 | 03.03.92 | Lewis et al. | 514 | 21 | |
| 4 | 5 | 5,106,832 | 21.04.92 | Froesch et al. | 514 | (2 | |
| 4 | 6 | 5,126,324 | 30.06.92 | Clark et al. | 974 | 3 | |
| 4 | 7 | 5,187,151 | 16.02.93 | Clark et al. | 514 | 12 | |
| U | 8 | 5,202,119 | 13.04.93 | Clark et al. | 5(4 | بالمهم | |
| LT | 9 | 5,273,961 | 28.12.93 | Clark | 35-44 | 18 | |
| LT | 10 | 5,374,620 | 20.12.94 | Clark et al. | 514 | 12 | 04.06.93 |

FOREIGN PATENT DOCUMENTS

| Examiner Initials | | Document Number | Date | Country | Class | Subclass | Transla Yes | ition No |
|----------------------|----|-----------------|----------|---------|----------|----------|----------------|-------------|
| U | 11 | WO 91/03253 | 21.03.91 | PCT | | , | | |
| LT | 12 | WO 92/11865 | 23.07.92 | PCT | # 3 · | | | |
| 4 | 13 | WO 93/23071 · | 25.11.93 | PCT | . ۳۰ | ~ | | |
| LT | 14 | WO 94/16722 | 04.08.94 | PCT | * | ļ. | | |

OTHER DISCLOSURES (Including Author, Title, Date, Pertinent Pages, etc.)

| 4 | 15 | Baxter, The Somatomedins: Insulin-like growth factors Advances in Clinical Chemistry 25:49-115 (1986) |
|----|----|--|
| LT | 16 | Binoux, M., "Donnees recentes sur les somatomedines" <u>Annales d'Endocrinologie</u> 41:157-191 (1980) |
| LT | 17 | Chen et al., "Recombinant human IGF-I infusion results in transient improvement in nitrogen balance: evidence for ÍGF-I autoregulation" <u>US Endocrine Meeting</u> (Abstract 1596) pps. 449 (1993) |
| LT | 18 | Clemmons and Van Wyk, "Somatomedin: physiological control and effects on cell proliferation" <u>Handbook</u> <u>Exp. Pharmacol.</u> 57:161-208 (1981) |
| LT | 19 | Cohick and Clemmons, "The insulin-like growth factors" Annu. Rev. Physiol. 55:131-153 (1993) |
| LT | 20 | Duerr et al., "Insulin-like growth factor-1 enhances ventricular hypertrophy and function during the onset of experimental cardiac failure" <u>J. Clin. Invest.</u> 95:619-627 (1995) |
| LT | 21 | Elahi et al., "Hemodynamic and metabolic responses to human insulin-like growth factor I (IGF-I) in men" Modrn Concepts of Insulin-Like Growth Factors, Spenser, ed., New York: Elsevier Science Publ. Co. pps. 219-224 (1991) |
| | | Guler et al., "Effects of recombinant insulin-like growth factor I on insulin secretion and renal |

function in normal human subjects" Proc. Natl. Acad. Sci. USA 86:2868-2872 (April 1989)

Guler et al., "Insulin-like growth factor I increases glomerular filtration rate and renal plasma flow in man" Acta Endocrinologica 121:101-106 (1989)

Guler et al., "Recombinant human insulin-like growth factor 1 stimulates growth and has distinct effects on organ size in hypophysectomized rats" <u>Proc. Natl. Acad. Sci. USA</u> 85:4889-4893 (1988)

Examiner Physical Dub

Date Considered / - G6

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



| , • | 74 | | 2 | Sheet 2 of 3 | _ |
|-----------------------------------|-----------|---------------------------------|-----------------|--------------|---|
| FORM PTO-1449 | ********* | U.S. Dept, of Commerce | Atty Docket No. | Serial No. | - |
| | | Patent and Fademark Office | 943-3 | 08/447,292 | |
| | | Faterit and Fladeritark Officer | Applicant | | |
| LIST OF DISCLOSURES CITED BY AP | PLICANT | 13.6 | Clark et al. | | |
| (Use several sheets if necessary) | | 1995 | Filing Date | Group | |
| | | | 22 May 1995 | Not assigned | |

| (Use several sheets if necessary) | | | 1995 | | Filing Date 22 May 1995 | Group Not assigned | | | | | | | | |
|--|--|---|------------|-------------|----------------------------|------------------------------|--|--|--|--|--|--|--|--|
| OTHER DISCLOSURES (Including Author Title Date, Pertinent Pages, etc.) | | | | | | | | | | | | | | |
| U | 25 | Guler et al., "Short-term metabolic effects of recombinant human insulin-like growth factor I in healthy adults" New England J. of Medicine 317(3):137-140 (1987) | | | | | | | | | | | | |
| LT | 26 | Hammerman, "Ask the expert: What are the clinical uses of IGF I in acute and chronic renal failure?" Ped. Nephrology 8:544 (1994) | | | | | | | | | | | | |
| LT | 27 | Hammerman and Miller, "The growth hormone insulin-like factor axis in kidney revisited" Am. J. Physiol. 265:F1-F14 (1993) | | | | | | | | | | | | |
| 17 | 28 | Hammerman and Miller, "Therapeutic use of growth factors in renal failure" <u>J. Am. Soc. Nephrol.</u> 5:1-11 (1994) | | | | | | | | | | | | |
| J | 29 | Hirschberg et al., "Effects of insulin-like growth fai International 43:387-397 (1993) | | | | | | | | | | | | |
| Y | 30 | Hise et al., "Influence of circulating insulin-like ginsulin-like growth factor-I on proximal nephron received: (1992) | ptor dens | sity | y in rats" <u>Clinical</u> | l <u>Science</u> 83:233-239 | | | | | | | | |
| 5 | 31 | Hoogenberg et al., "Effect of growth hormone and insu excretion: studies in acromegaly and growth hormone de | leficiency | /" <u>}</u> | Acta Endocrinologio | <u>ca</u> 129:151-157 (1993) | | | | | | | | |
| LT | 32 | Tkkos et al., "Glomerular filtration rate and renal p 21:226-236 (1956) | | | | | | | | | | | | |
| U | 33 | Jabri et al., "Adverse effects of recombinant human in insulin-resistant type II diabetic patients" <u>Diabetes</u> | 43:369-3 | 374 | (1994) | | | | | | | | | |
| LT | 34 | Kanety et al., "Long-term treatment of Laron type dwarfs with insulin-like growth factor-1 increases serum insulin-like growth factor-binding protein-3 in the absence of growth hormone activity" <a <u="" effect="" factor-1="" growth="" href="https://doi.org/10.1001/jchan.2007/jch</td></tr><tr><td>.LT</td><td>35</td><td>Kerr et al., " humans"="" in="" insulin-like="" of="">J. Clin. Invest. 91:141-147 (1993) | | | | | | Kerr et al., "Effect of insulin-like growth factor-1 on the responses to and recognition of hypoglycemia | | | | | | |
| LT | 36 | Kupfer et al., "Enhancement of the anabolic effects oby use of both agents simultaneously" J. Clin Invest. | | | | like growth factor I | | | | | | | | |
| LY | 37 | Lieberman et al., "Anabolic effects of recombinant insulin-like growth factor I in AIDS-associated cachexia" <u>US Endocrine Meeting</u> (Abstract 1664) pps. 466 (1993) | | | | | | | | | | | | |
| LI | 38 | Lieberman et al., "Anabolic effects of recombinant insulin-like growth factor-I in cachectic patients with the acquired immunodeficiency syndrome" J. Clin. Endocrinol. and Metab. 78(2):404-410 (1994) | | | | | | | | | | | | |
| LT | 39 | Lieberman et al., "Effects of recombinant human insulin-like growth factor-I (rhIGF-I) on total and free IGF-I concentrations, IGF-binding proteins, and glycemic response in humans" <u>J. Clin. Endocrinol. and Metab.</u> 75(1):30-36 (1992) | | | | | | | | | | | | |
| LI | 40 | Miller et al., "Effects of IGF-I on reneal function in end-stage chronic renal failure" <u>Kidney Int.</u> 46:201-207 (1994) | | | | | | | | | | | | |
| U | 41 | O'Shea and Layish, "Growth hormone and the kidney: a case presentation and review of the literature" <u>J.</u> <u>Am. Soc. Nephrol.</u> 3:157-161 (1992) | | | | | | | | | | | | |
| U | 42 | O'Shea et al., "Effects of IGF-I on renal function in patients with chronic renal failure" Am. J. Physiol. 264:F917-F922 (1993) | | | | | | | | | | | | |
| ٢7 | | O'Shea et al., "Roles of growth hormone and growth factors in the pathogenesis and treatment of kidney disease" Current Opinion in Neph. and Hypertension 2:67-72 (1993) | | | | | | | | | | | | |
| 47 | Quigley and Baum, "Effects of growth hormone and insulin-like growth factor I on rabbit proximal convoluted tubule transport" J. Clin. Invest. 88:368-374 (1991) | | | | | | | | | | | | | |
| Examine | er / | De a a | | Date | e Considered | - 0. | | | | | | | | |

*Examiner: Initial of reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



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|-------------------------------------|---------|---|---|---|--|---|--|--|
| FORM PTO-1449 U.S. Dept-of Commerce | | | | | Atty Docket No. | Serial No. | | |
| | | | ji (| Trademark Office | 943-3 | 08/447,292 | | |
| | | | raterit and | riadelliaik Offices | Applicant | | | |
| LIST | OF DIS | SCLOSURES CITED BY APPLICANT | ੂੜੋਂ | 13.3 | Clark et al. | | | |
| (L | lse sev | eral sheets if necessary) | Filing Date 22 May 1995 | Group Not assigned | | | | |
| | | OTHER DISC | LOSURES (Including A | Cuthor Title Pate 1 | | not appropried | | |
| | | Quin et al. New England J. of 1 | • | | refullent Pages, etc.) | | | |
| U | 45 | | | , , | | | | |
| Ч | 46 | Rinderknecht and Humbel, "The amino acid sequence of human insulin-like growth factor I and its structural homology with proinsulin" <u>Journal of Biological Chemistry</u> 253(8):2769-2776 (1978) | | | | | | |
| LT | 47 | Rinderknecht and Humbel, "Polyn activities in human serum: iso I and II" <u>Proc. Natl. Acad. Sc</u> | lation, chemical c | haracterization, | alin-like and cell- and some biologic | growth promoting al properties of forms | | |
| ゴ | 48 | Schalch et al., "Short-term met (rhIGF-I) in type II diabetes n New York:Elsevier Science Publ | tabolic effects of mellitus" <u>Modern C</u> . Co. pps. 705-714 | recombinant hum oncepts of Insul (1991) | in-Like Growth Fac | tors, Spencer, ed., | | |
| LT | 49 | Schoenle et al., "Recombinant l patients with extreme insulin i | resistance" <u>Diabet</u> | <u>ologia</u> 34:675-67 | 79 (1991) | | | |
| C | 50 | Underwood et al., "Regulation of 24:166-176 (1986) | of somatomedin-c/i | nsulin-like grow | th factor I by nut | rients" <u>Hormone Res.</u> | | |
| IJ | 51 | Usala et al., "Brief report: treatment of insulin-resistant diabetic ketoacidosis with insulin-like growth factor I in an adolescent with insulin-dependent diabetes" New England J. of Medicine 327(12):853-857 (1992) | | | | | | |
| II | 52 | Van Wyk et al., "The somatomed: Prog. Horm. Res. 30:259-318 (19 | 974) | | _ | | | |
| U | 53 | Walker et al., "Stimulation of with growth hormone insensitiv | ity syndrome (Laro | n type)" <u>J. Pedi</u> | <u>atr.</u> 121:641-646 (| 1992) | | |
| U | 54 | Wilton et al., "Treatment with hormone receptor deficiency (La | aron syndrome)" <u>Ac</u> | ta Paediatr Supp | <u>ol</u> 383:137-141 (199 | 2) | | |
| ű. | 55 | Zenobi et al.; "Effects of inst insulin secretion" <u>J. Clin. In</u> | <u>vest.</u> 89:1908-1913 | (1992) | | | | |
| 17 | 56 | Zenobi et al., "Insulin-like gi mellitus" <u>J. Clin. Invest.</u> 90:2 | | roves glucose li | pid metabolism in | type 2 diabetes | | |
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